



VERIFICATION OF COMPLIANCE


No.: **SHES1903012623PV**

Applicant: SunSynk Ltd
Flat A, 3/F Wai Yip Industrial Building,
171 Wai Yip Street, Kwun Tong, Hong Kong, China

Manufacturer: SunSynk Ltd
Flat A, 3/F Wai Yip Industrial Building,
171 Wai Yip Street, Kwun Tong, Hong Kong, China

Product Name: Hybrid inverter

Model No.: SUNSYNK-8K-SG01LP1, SUNSYNK-7.6K-SG01LP1
SUNSYNK-6K-SG01LP1, SUNSYNK-5K-SG01LP1
SUNSYNK-3.6K-SG01LP1

Trade Mark: 

Rating: Refer to page 2 and 3

Intended Use: PV System or Energy Storage System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65/ IP 20
Firmware version: Display software version: Ver 150
Control software version: Ver 1702

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: NRS 097-2-1:2010

as shown in the

Test Report Number(s): **SHES190301262301**

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.



Roger Hu
Technical Manager
SGS-CSTC

2019-03-21



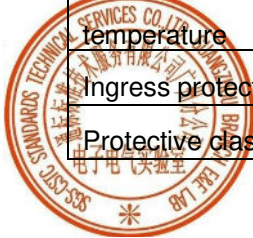
No.:

SHES1903012623PV

Other information added:

Rating:

Model Number	SUNSYNK-8 K-SG01LP1	SUNSYNK-7. 6K-SG01LP1	SUNSYNK-6 K-SG01LP1	SUNSYNK-5 K-SG01LP1	SUNSYNK-3. 6K-SG01LP1
Max. input power	8800w	8360w	6600w	5500w	3960W
Max. input voltage	500Vd.c.				
Max. input current	18Ad.c.*2	18Ad.c.*2	20Ad.c.+10A d.c.	10Ad.c.*2	10Ad.c.*2
MPPT voltage range	150-425Vd.c.				
Battery type	Lead-acid battery or lithium -ion battery				
Battery voltage(V)	48Vdc(42-58Vdc)				
Max.Charger and Discharger power(W)	8800w	8360w	6600w	5500w	3960W
Rated grid voltage	230Vac(185V-265V)				
Rated grid frequency	50HZ(47.5 HZ -51.5 HZ)				
Rated output power	8000w	7600w	6000w	5000w	3600w
Rated output current	38.5Aa.c	33.5Aa.c	26.1Aa.c	20.8Aa.c	15.7 Aa.c
Power factor	0.9 leading to 0.9 lagging				
Ambient temperature	-25°C~60°C (> 45°C derating)				
Ingress protection	IP20/IP65	IP20/IP65	IP65	IP65	IP65
Protective class	Class I				



Roger Hu
 Technical Manager
 SGS-CSTC

2019-03-21

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)